



IFWO

## RAW SEQUENCE LISTING

DATE: 08/30/2004

PATENT APPLICATION: US/10/660,097

TIME: 12:35:58

Input Set : N:\Crf3\RULE60\10660097.raw

Output Set: N:\CRF4\08302004\J660097.raw

1 <110> APPLICANT: KRIS, ALAN L.  
 2 LUETHY, MICHAEL H.  
 3 VOYLES, DALE A.  
 4 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR EXPRESSION OF TRANSGENES  
 5 IN PLANTS  
 6 <130> FILE REFERENCE: DEKM:158  
 7 <140> CURRENT APPLICATION NUMBER: US/10/660,097  
 8 <141> CURRENT FILING DATE: 2003-09-11  
 9 <150> PRIOR APPLICATION NUMBER: US/09/078,972  
 10 <151> PRIOR FILING DATE: 1998-05-14  
 11 <160> NUMBER OF SEQ ID NOS: 28  
 12 <170> SOFTWARE: PatentIn Ver. 2.0  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 22  
 16 <212> TYPE: DNA  
 17 <213> ORGANISM: Artificial Sequence  
 18 <220> FEATURE:  
 19 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 20 Primer  
 21 <400> SEQUENCE: 1  
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 28 <220> FEATURE:  
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 44 <210> SEQ ID NO: 4  
 45 <211> LENGTH: 19  
 46 <212> TYPE: DNA  
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49 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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62     ggctcgaggg accggttaca gcacaccact g                       31
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70     Primer
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93     tatagcagca gaatcacctg tcttgtctac aagacagaac caatgcatca acttcaaggg 120
94     agtaccagcg tcttcttgac tgtctttcag aattgtggca ttcttggttg aagcatagca 180
95     gtgtaggttg ctcatcacg gataatctcg acacgtaaag tgatgaggaa tacggaacga 240
96     ccattggcat gtagagctgt atgaattggg gttatccata caacaactcg cagaacatca 300
97     caaaattgca cgtcaatgga ttgggtcaga aacaaatcgt ctccttgtag cttgtacaat 360
98     gaagtgatgg tgagtcatga gtcacactga tccgatctga tatatatgcc aaatagctca 420
99     cacgacaaca ttacaaacaa cccatacta tacatcacia agtttgtttc atgaaaaaac 480
100    aaataagtat gcaggagggg acaataatcc ttgcttgacg cgtaaagtga atttacaag 540

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101      ccatatatca acctatatct aattaataag ttcgttatat atacgcacga tgatcatcaa 600
102      caaccgtacc tgtgaaaggc aacaaaatga gccacgcaaa aatgcagaat gaatccatat 660
103      gatgacgaac gtacactcgg cttgctacat aaagtgaatg atgagtcata aatatttggc 720
104      aagaaaccgt gaaagctaca cagccgtcgt cagtagcaca ggaacacaag aaactgtgct 780
105      aatcgaagct ataaataacc ctagtatgcc tatgcacttc tccatcacca ctacccatat 840
106      cttcagtcta tttaccttct ctatctactc cagagagcac agaagatcga cacc      894
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109 <211> LENGTH: 23
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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115 <400> SEQUENCE: 9
116      ctcagcccca gcagccacat cca      23
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120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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125 <400> SEQUENCE: 10
126      gtgcggcagc caatgacaag tc      22
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 412
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
134      Primer
135 <400> SEQUENCE: 11
136      actgaagaaa ctatatccta ctgtaataat aatgatgtaa tatagccgct ggcgagctaa 60
137      gctagttagt tcatttagcg cggcgatggg taataaaagt gtcatccatc accatgggtg 120
138      acaatatatg cgaacaaatg acctgaagat gaacaattga aatgaaaagg aaaatatatt 180
139      acaattcaac gagatatact ctgcgacgta tcacgtgtcc acaggggtgg atccatgccc 240
140      cgggctgccc gggctgcagc cgggggcgta gacaaaaat cccttagcg attctttttt 300
141      tcagttcaat tttgccaata aaaactacat ttagccctac ctgatgcggt ctaaaatttt 360
142      tttacactag tttagcccct cctgtaatgt gtttctagat caggcaatgt at      412
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145 <211> LENGTH: 31
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147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
150      Primer
151 <400> SEQUENCE: 12
152      ggctcgaggg accggttaca gcacaccact g      31
154 <210> SEQ ID NO: 13

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155 <211> LENGTH: 21
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159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
160     Primer
161 <400> SEQUENCE: 13
162     tcagtactgg gcaccgccgg c                               21
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165 <211> LENGTH: 21
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
170     Primer
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172     aaggtgctgc tcgttgccct c                               21
174 <210> SEQ ID NO: 15
175 <211> LENGTH: 29
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
180     Primer
181 <400> SEQUENCE: 15
182     gggagctctc agtactgggc accgccggc                       29
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185 <211> LENGTH: 603
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
190     Primer
191 <400> SEQUENCE: 16
192     atgaaggtgc tgctcggtgc cctcgctctc ctggctctca ctgcgagcgc cacctccacg 60
193     caaataggcg gcacgtgcgg ctgccaacca ccgcatctgc caccgccgcc ggttcacatcg 120
194     ccgcctccgg ttcacctgcc ccgcgcggtt catctgccgc cgccacaatg ccactaccct 180
195     actcaaccgc cccggcctca gcccagcag ccacatccat gcccatacca accgcagcat 240
196     ccaagcccgt tccagttcca gcagccggga acctgcgttg gccaaaggcac ccagatcctg 300
197     ggccagtgca ttgagttcct gaggcatcag tgcagcccgg cggcgacgcc ctactgctcg 360
198     ccacaatgcc aggcgttgcg gcagcagtg tgcaccagc tcaggcaggt ggagccgctg 420
199     caccggcaac aggcgatctt cggcgtggtc ctgcagtcca tccagcagca gccgataggc 480
200     cagccgctcg cggcgctgat ggcggcgcaa atagcgcagc aactgacgga gatgtgcggt 540
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202     tga                                                    603
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205 <211> LENGTH: 377
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence

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208 &lt;220&gt; FEATURE:

209 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

210 Primer

211 &lt;400&gt; SEQUENCE: 17

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212   agaagaagca cgtacgcggg cggaacgcgt gtcctgcctg gataccgcgc gcgagatgac 60
213   gtgcggcggc ggcgcgcgac taccgccggc gcggcatggc cctactacgg cggctgctgc 120
214   tgctgctacg tacgctgccg taaagtctcg gtcgccgtgc tagctctagc tagtcgttat 180
215   gtgtgttggtg ctttgtatgt gcgcgtgtct tgttgggaca tgcagtgtag tgctgctgta 240
216   tcgctgtgtc ctttcttgat cggagtcgga gtggctgatg cacagcatgc tggatgtcaa 300
217   gtttatgatg aggaataaaa tgcaatgttc agggcgagat actacggttt tccttgacta 360
218   ccatgggatt tgtagaa                                     377

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220 &lt;210&gt; SEQ ID NO: 18

221 &lt;211&gt; LENGTH: 222

222 &lt;212&gt; TYPE: DNA

223 &lt;213&gt; ORGANISM: Artificial Sequence

224 &lt;220&gt; FEATURE:

225 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

226 Primer

227 &lt;400&gt; SEQUENCE: 18

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228   gcactcggct tgctacataa agtgaatgat gagtcataaa tatttggcaa gaaaccgtga 60
229   aagctacaca gccgtcgta gtagcacagg aacacaagaa actgtgctaa tcgaagctat 120
230   aaataaccct agtatgccta tgcattctc catcaccact acccatatct tcagtctatt 180
231   taccttctct atctactcca gagagcacag aagatcgaca cc                               222

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233 &lt;210&gt; SEQ ID NO: 19

234 &lt;211&gt; LENGTH: 412

235 &lt;212&gt; TYPE: DNA

236 &lt;213&gt; ORGANISM: Artificial Sequence

237 &lt;220&gt; FEATURE:

238 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

239 Primer

240 &lt;400&gt; SEQUENCE: 19

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241   gtaagtatgc aggaggggac aataatcctt gcttgacgcg taaagtgaat ttacaaagcc 60
242   atatatcaac ctatatctaa ttaataagtt cgttatatat acgcacgatg atcatcaaca 120
243   accgtacctg tgaaaggcaa caaatgagc cagcaaaaaa tgcagaatga atccatatga 180
244   tgacgaacgt acactcggct tgctacataa agtgaatgat gagtcataaa tatttggcaa 240
245   gaaaccgtga aagctacaca gccgtcgta gtagcacagg aacacaagaa actgtgctaa 300
246   tcgaagctat aaataaccct agtatgccta tgcattctc catcaccact acccatatct 360
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249 &lt;210&gt; SEQ ID NO: 20

250 &lt;211&gt; LENGTH: 25

251 &lt;212&gt; TYPE: DNA

252 &lt;213&gt; ORGANISM: Artificial Sequence

253 &lt;220&gt; FEATURE:

254 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

255 Primer

256 &lt;400&gt; SEQUENCE: 20

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257   catcgagaca agcacgggtca acttc                                     25

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259 &lt;210&gt; SEQ ID NO: 21

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/30/2004  
PATENT APPLICATION: US/10/660,097      TIME: 12:35:59

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Output Set: N:\CRF4\08302004\J660097.raw

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/660,097

DATE: 08/30/2004

TIME: 12:35:59

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